

Patent claims

1. The use of ascorbic acid and/or ascorbyl compounds and one or more flavone derivatives and/or flavanone derivatives, in particular flavonoids for the preparation of cosmetic or dermatological preparations for the prophylaxis or alleviation of sunburn.

2. The use as claimed in claim 1, wherein the active ingredient(s) chosen from the group of flavones, flavanones and flavonoids is/are present in cosmetic or dermatological preparations in an effective content.

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3. The use as claimed in claim 2, wherein the active ingredient(s) chosen from the group of flavones, flavanones and flavonoids is/are present in cosmetic or topical dermatological preparations in concentrations of 0.01-10% by weight, preferably 0.05-5% by weight, in particular 0.1-2.0% by weight, based on the total weight of the preparations.

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4. The use as claimed in claim 1, wherein the active ingredient(s) chosen from the group of ascorbic acid and ascorbyl compounds is/are present in cosmetic or dermatological preparations in an effective amount.

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5. The use as claimed in claim 1, wherein the ascorbyl compounds are chosen from the group ascorbyl palmitate, sodium ascorbyl phosphate, magnesium ascorbyl phosphate, zinc ascorbyl phosphate and ascorbyl 2-glucoside.

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6. The use as claimed in claim 4, wherein the active ingredient(s) chosen from the group of ascorbic acid and ascorbyl compounds is/are present in cosmetic or topical dermatological preparations in concentrations of 0.001-10% by weight, preferably 0.05-5% by weight, in particular 0.1-2.0% by weight, based on the total weight of the preparations.

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7. The use as claimed in claim 1, wherein the active ingredient chosen from the group of flavones, flavanones and flavonoids is  $\alpha$ -glucosylrutin.

8. The use as claimed in claim 2, wherein the cosmetic or dermatological preparations additionally comprise one or more complexing agents.

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9. The use as claimed in claim 7, wherein the complexing agent(s) is/are chosen from the group consisting of tartaric acid and anions thereof, citric acid and anions thereof, aminopolycarboxylic acids and anions thereof (such as, for example ethylenediaminetetraacetic acid and anions thereof, nitrilotriacetic acid and anions thereof, hydroxyethylenediaminetriacetic acid and anions thereof, diethylene-aminopentaacetic acid and anions thereof, trans-1,2-diaminocyclohexanetetraacetic acid and anions thereof).

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10. The use as claimed in claim 7, wherein the complexing agent(s) is/are present in the cosmetic or dermatological preparation preferably in amounts of from 0.01% by weight to 10% by weight, preferably in amounts of from 0.05% by weight to 5% by weight, particularly preferably in amounts of 0.1-2.0% by weight, based on the total weight of the preparations.

2020-04-08 09:56:00